

NEBRASKA[®] WEATHER & CROPS

For Week Ending June 19, 1988

Issue: 15-88

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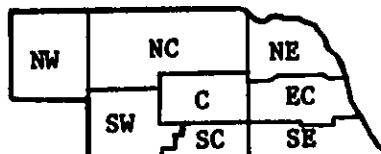
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National Agricultural Statistics Service
U.S. Department of Agriculture
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National Oceanic and Atmospheric Admin.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources--UNL

WEATHER

Hot and dry weather continued. Only a few scattered thundershowers occurred with amounts from traces to around an inch locally in the Panhandle and central portion. Average temperatures ranged from two to eight degrees above normal.

GENERAL

High temperatures continued to deplete available soil moisture supplies, although some beneficial rains, except in the southeast, were received last week, according to the Nebraska Agricultural Statistics Service. Crops are at a critical point and need additional rains to alleviate drought-like conditions. Box Butte and Scotts Bluff counties received light to heavy hail damage to sugar beet acres as areas of the Panhandle, Central and North Central received scattered thundershowers early in the week. Some heat stress to growing crops and livestock, as the result of the warm conditions, kept producers busy trying to provide needed water. Row crop planting was completed while cultivating, hilling, harvesting alfalfa and irrigation preparations continued. Other activities consisted of: herbicide application, side-dressing anhydrous, summer fallow operations and praying for rain. Days suitable for fieldwork averaged 6.4.

Topsoil moisture rated 74% short and 26% adequate. Subsoil moisture rated 61% short and 39% adequate. Soil conditions continued to deteriorate. Subsoil moisture last week was rated 49% short, 49% adequate and 2% surplus. Last year, topsoil moisture rated 19% short, 74% adequate and 7% surplus. Subsoil moisture rated 10% short, 81% adequate and 9% surplus.

CROPS

Winter wheat condition rated 21% poor, 60% fair and 19% good. The crop

CROPS (Cont.)

continued maturing rapidly due to the hot, dry conditions as wheat turning color progressed to 60% compared to 82% last year and 48% average. Test cutting and limited harvesting had begun in the southern Nebraska counties as the crop progressed to 8% ripe, equal to last year and ahead of the 3% average. Varying crop damage has been reported due to Russian wheat aphids and wheat streak mosaic, particularly in the Panhandle and Southwest.

Corn condition rated 48% fair, 50% good and 2% excellent. Corn leaves were rolling, particularly on dryland fields in response to the extreme heat. Instances of corn borers and cutworms were reported in Central areas.

Soybean condition rated 2% poor, 47% fair, 50% good and 1% excellent. The crop was 99% emerged compared to 90% last year and 88% average.

Sorghum condition rated 5% poor, 60% fair and 35% good. The crop was 99% emerged compared to 88% last year and 86% average. Greenbugs continue to affect fields in the southern half of the State. Some chinch bug infestations were occurring in the southeast and east.

Alfalfa hay condition rated 15% poor, 65% fair, 19% good and 1% excellent. The first cutting was 94% complete compared to 90% last year and 81% average. Alfalfa weevils and lack of moisture have delayed regrowth and the start of second cutting.

LIVESTOCK

Pasture and range feed supplies rated 50% short and 50% adequate. The livestock as well as pastures have shown some heat stress. Fifty-five Nebraska counties had been approved for emergency haying and grazing of Acreage Conservation Reserve (ACR) and Conservation Use for payment (CU). This will help supplement for pastures which are becoming short and some reduced hay yields.

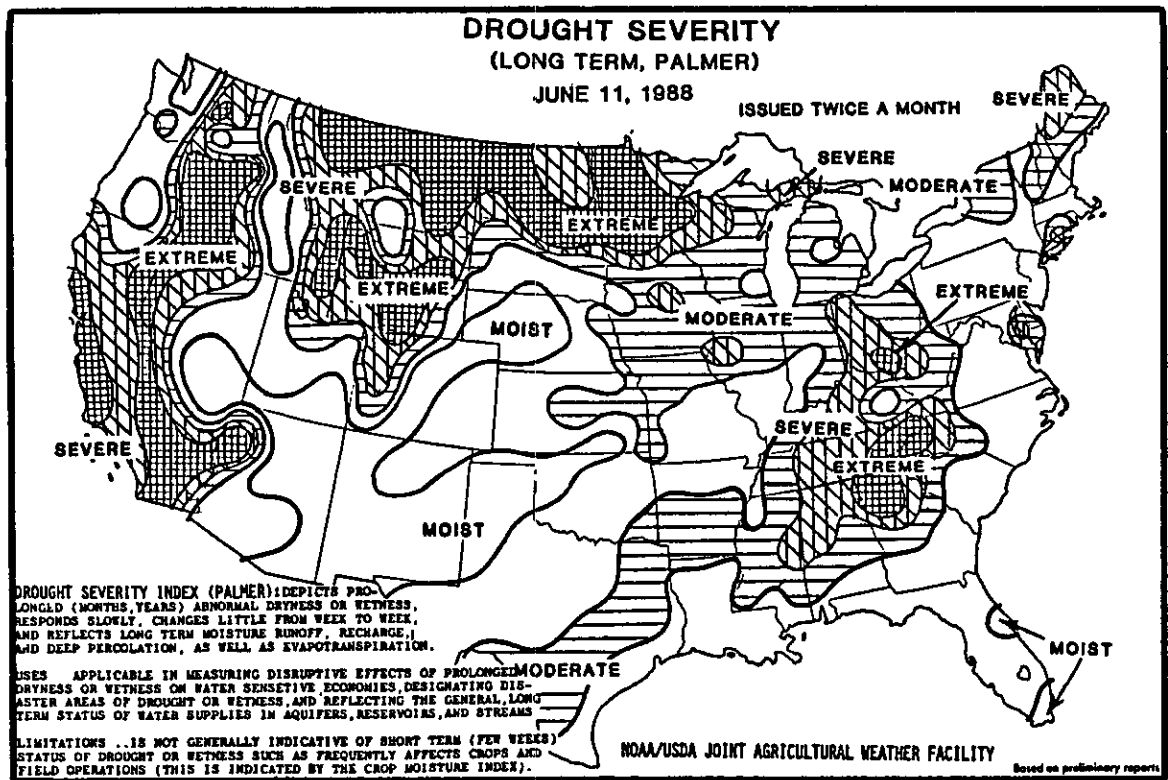
Precipitation, April 1 - June 17, 1988

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week74	.68	.53	.14	.21	.58	.29	.03
Total since April 1	8.63	9.28	7.05	7.86	5.82	8.45	4.89	6.05
Normal since April 1	6.53	7.56	8.71	8.20	9.22	6.84	8.03	9.20

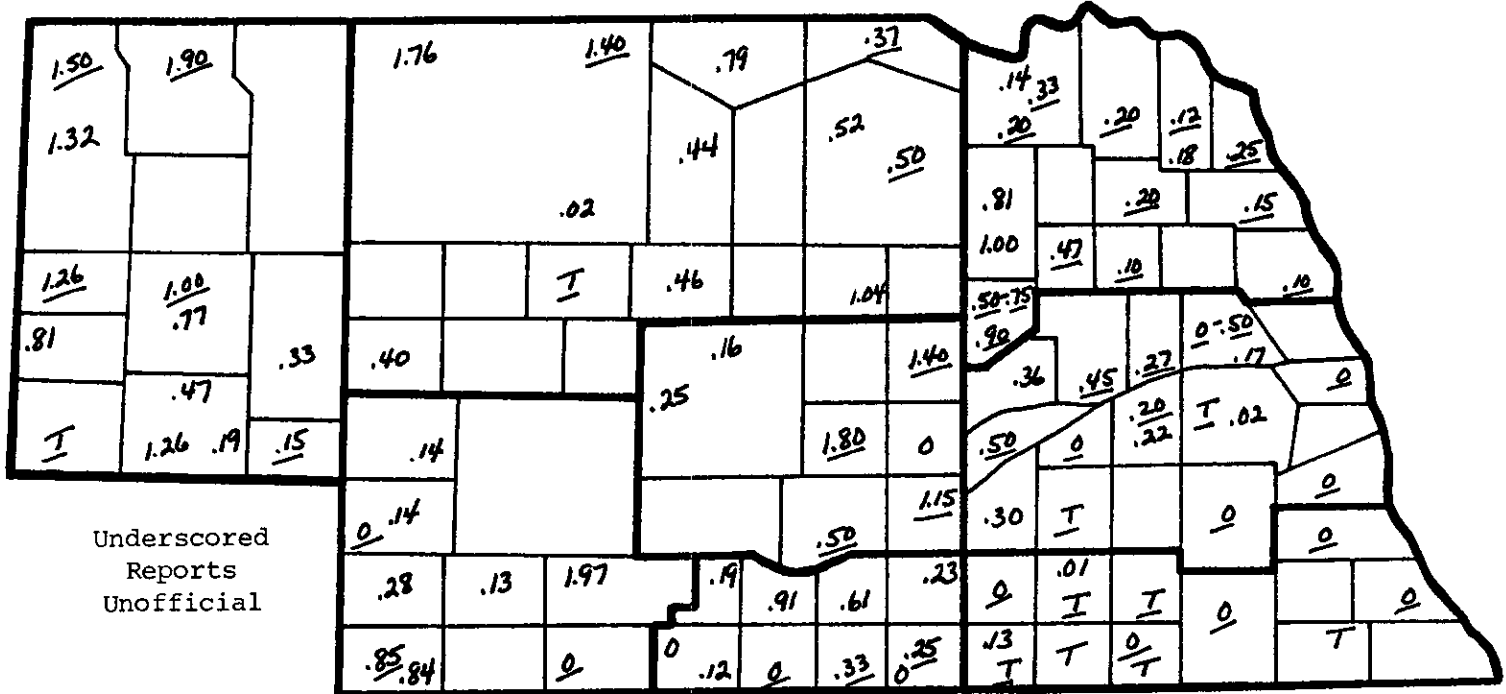
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PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 17, 1988



TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, JUNE 19, 1988

Station		Temperature				Precipitation
		Extremes		Mean	Departure	Total Inches 1/
		Max	Min			
NW	Chadron	97	48	69	--	1.13
	Scottsbluff	95	50	70	+2	.36
	Sidney	97	51	70	--	.44
NC	Ord	100	49	74	--	.05
	Valentine	101	47	73	+5	.41
NE	Norfolk	101	53	77	+6	.39
	Sioux City	103	55	78	+7	.34
CEN	Grand Island	101	54	77	+5	.93
EC	Lincoln	104	57	81	+8	T
	Omaha	99	61	80	+8	T
SW	Imperial	101	55	74	--	.32
	North Platte	104	48	73	+4	.08

1/ Precipitation totals not included in map above.